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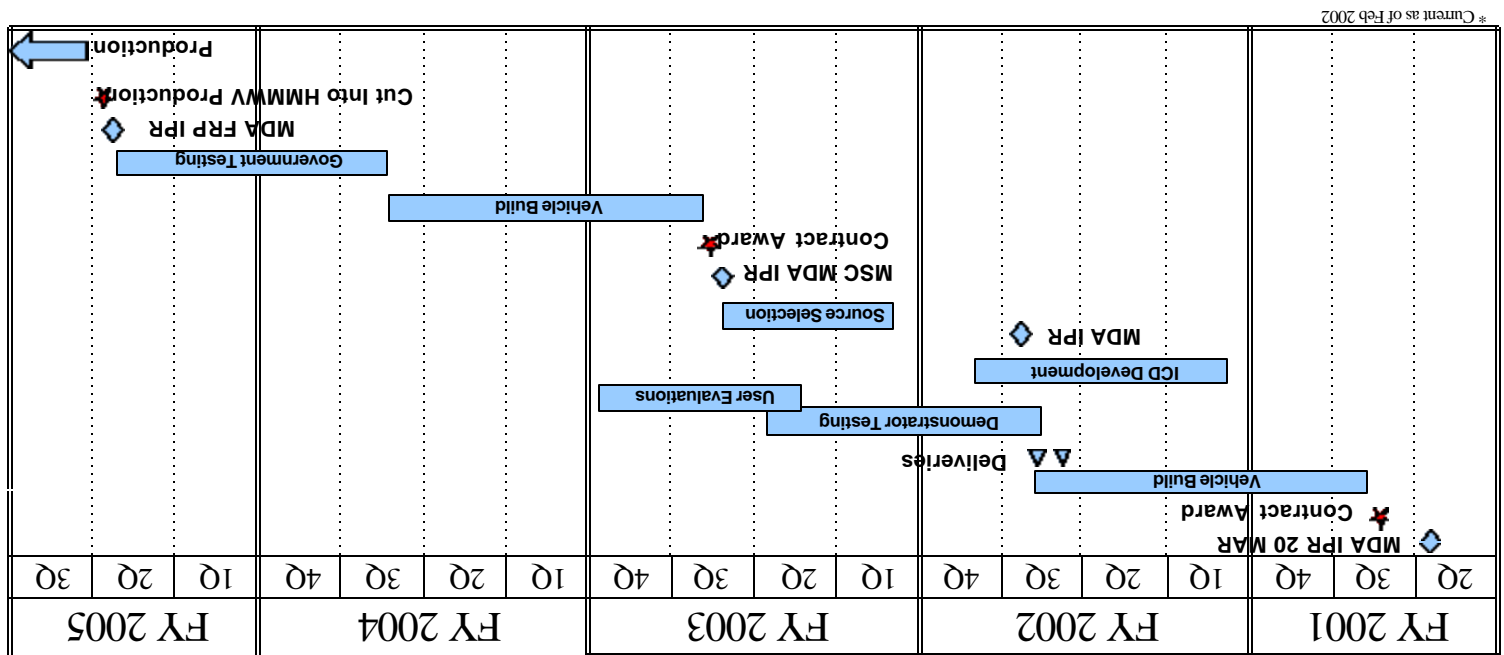
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HYBRID ELECTRIC HMMWV

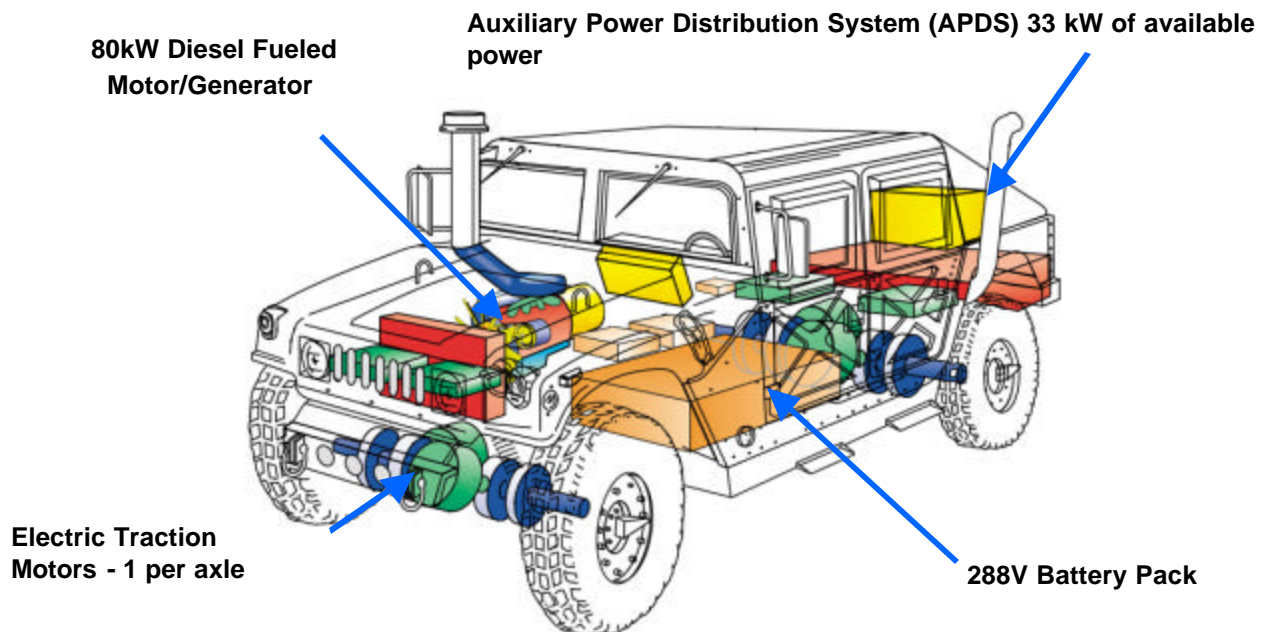
GOAL: Meet / Exceed Performance & Operational Capabilities of Conventional HMMWV

Projected Performance

- 30% Reduction in Fuel Consumption
- 33 kW of Continuous Useable Power
- 12 Miles Silent Mobility (limited)
- 6 Hours of Silent Watch (limited)

Anticipated Benefits

- Footprint Reduction
- Silent Watch
- Silent Mobility
- Increased Survivability



Potential Applications

- Power for Tactical Operation Centers / Shelters
- Power Solid State Lasers / Non-Lethal Weapons
- Scout Mission
- Power Radar Systems

Enablers

- Technology – Batteries / Traction Motors
- Small US Manufactured Diesel Engine
- Auxiliary Power Distribution System
- Change in Force Structure

